INSTALLATION MANUAL

Bake Basic

MODELS

BB 3-e
BB 3-p
BB 5-e
BB 5-p

Model BB 5-p

- NOTICE -

This manual is prepared for the use of trained Service Technicians and should not be used by those not properly qualified. If you have attended a training for this product, you may be qualified to perform all the procedures in this manual.

This manual is not intended to be all encompassing. If you have not attended a training for this product, you should read, in its entirety, the repair procedure you wish to perform to determine if you have the necessary tools, instruments and skills required to perform the procedure. Procedures for which you do not have the necessary tools, instruments and skills should be performed by a trained technician.

Reproduction or other use of this Manual, without the express written consent of Fri-Jado, is prohibited.

fri-jado

CE

EMPTY PAGE

INDEX

Index **3**
General technical data **4**
Technical Data 4
Installation procedures **6**
Unpacking and removing the unit from the pallet 6
Location 6
Electrical supply 6
Test run 6
Instructions for operators 6
Installation of stand-alone units **7**
BB 3-p drop in or mounted on skirting bracket 7
BB 3-p drop in (with downfalling door) 8
BB 5-p drop in or mounted on skirting bracket 9
Bake Basic “footprint” and air-grids 10
Underframes and stacking **11**
Assembly instructions underframe 2x9 tray 11
Assembly instructions underframe 2x5 tray 13
Stacking of Bake Basic units with kit 3709535. 15
Installation examples of units on underframe **16**
BB 3-p on underframe (2x9) 16
BB 3-p + 3-P on underframe (2x9) with hood 17
BB 3-p + 3-P on underframe (2x5) with hood 18
BB 5-p on underframe (2x9) 19
BB 5-p + 5-P on underframe (2x5) with hood 20
BB 3-p + 5-P on underframe (2x5) with hood 21
BB 3-p with down faling door on underframe (2x9) 22
BB 3-p + 3-P with downfaling door on underframe (2x5) 23

GENERAL TECHNICAL DATA

This manual covers the Bake Basic series bake-off ovens. The Bake Basic comes in 2 sizes with 3 or 5 baking levels for standard 40x60 cm baking trays. The ovens are also available in stacked versions of 3+3, 3+5 and 5+5.

- BB 3-e Bake-off oven with 3 levels
- BB 3-p Bake-off oven with 3 levels, programmable
- BB 5-e Bake-off oven with 5 levels
- BB 5-p Bake-off oven with 5 levels, programmable

All of the information, illustrations and specifications contained in this manual are based on the latest product information available at the time of printing.

TECHNICAL DATA

STANDARD MODELS	**BS 3-e**	**BB 3-p**	**BB 5-e**	**BB 5-p**
Power	2840W	2840W	5760W	5760W
Voltage	230V 1~ 50/60Hz	230V 1~ 50/60Hz	400V 3N~ 50Hz	400V 3N~ 50Hz
Max. rated current	13A	13A	9,5	9,5
Fuses needed with power connection400V 3N~50…60Hz (3 phases with neutral)	----------	----------	3x10A	3x 10A
Fuses needed with power connection 230V 3~50…60Hz (3 Phases without neutral)	----------	----------	3x 20A	3x 20A
Fuses needed with power connection 230V 1~50…60Hz (1 Phases)	13A	13A	25A Note: mount other mains cable	25A Note: mount other mains cable
Standard plug from factory (according to IEC 60309 and CEE-form)	1x EURO Plug 1x UK Plug, 13A	1x EURO Plug 1x UK Plug, 13A	16A 3P+N+E 5 pole CEEFORM (according to IEC 60309)	16A 3P+N+E 5 pole CEEFORM (according to IEC 60309)
Default cable	3x2,5 mm² 2mtr	3x2,5 mm² 2mtr	5x2,5 mm² 2,5mtr	5x2,5 mm² 2,5mtr
Gross weight	77 kg	77 kg	92 kg	92 kg
Net weight	63 kg	63 kg	75 kg	75 kg
Hight	460 mm	460 mm	650 mm	650 mm
Width	840 mm	840 mm	840 mm	840 mm
Depth	787 mm	787 mm	787 mm	787 mm
Waterinlet connection	n/a	¾"	n/a	¾"
Fume outlet	1 pc of 1"	2 pc of 1"	1 pc of 1"	2 pc of 1"

Tools

- Standard set of tools.
- Metric wrenches, sockets and hex socket key wrenches.
- Multi-meter and AC current clamp meter.
- Temperature tester.
- Insulation value tester (Megger).
- Field Service Grounding Kit.
- Puller (part nr. 9191244)

INSTALLATION PROCEDURES

- Unpacking of the unit.
- Remove the pallet under the unit with the help of a fork lift or at least 3 people.
- Put the unit on his location.
- Check if there is enough free space around the unit (see label.).
- Check the electrical supply.
- Check all settings and make a test run with all functions switched on.
- Give instructions to the operator.

UNPACKING AND REMOVING THE UNIT FROM THE PALLET

Immediately after unpacking the oven, check for possible shipping damage. If the oven is found to be damaged, save the packaging material (make pictures) and contact the carrier within 15 days of delivery. Remove the pallet under the unit with the help of a fork lift or at least 3 people.

LOCATION

The oven must be installed on a level and flat surface. The installation location must allow adequate clearances for servicing and for proper operation.

Make sure that a free airflow for airgrids is ensured. See also chapter “Bake Basic “footprint”and airgrids.

ELECTRICAL SUPPLY

Prior to installation, test the electrical service to assure that it agrees with the specifications on the machine data plate located on the backpanel. The connecting cable for the unit must be equipped with an approved plug connection. If use is to be made of a permanent connection, the connecting cable must be connected to a manual on/off switch that is installed near the unit in a clear visible way.

TEST RUN

Operate the Bake Basic oven at a temperature setting of 250°C, for 30 minutes. Within these 30 minutes the bakestar oven could release some unpleasant odour as a result of the first heating of some metal parts

INSTRUCTIONS FOR OPERATORS

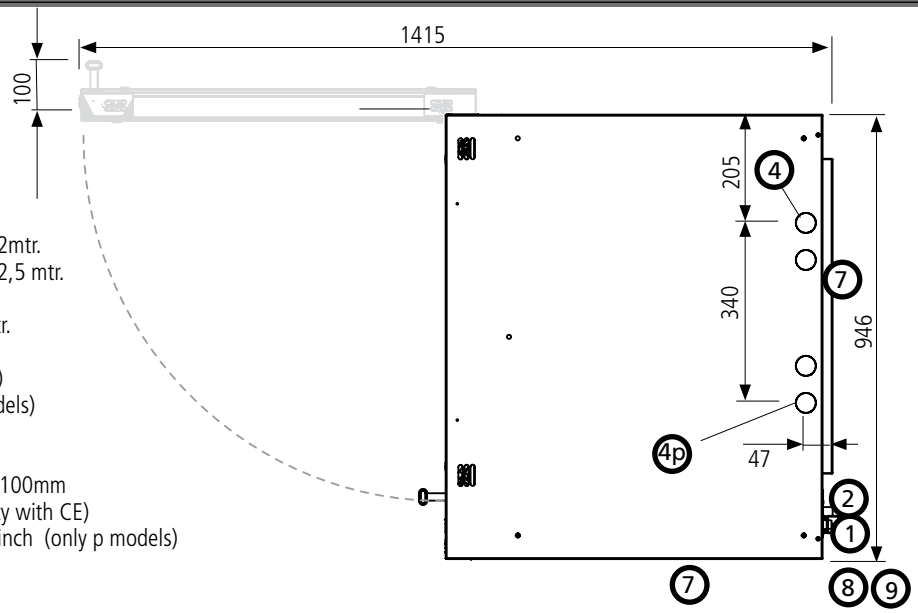
After installation of the oven, the operator of the unit has to be instructed.

The instruction has to cover the following subjects:

- Programming and options.
- Working of the unit.
- Free space of unit for servicing and for proper operation.
- Run through the user manual.
- Cleaning of the unit.
- How to react for obtaining information or making service calls.

INSTALLATION OF STAND-ALONE UNITS

BB 3-P DROP IN OR MOUNTED ON SKIRTING BRACKET

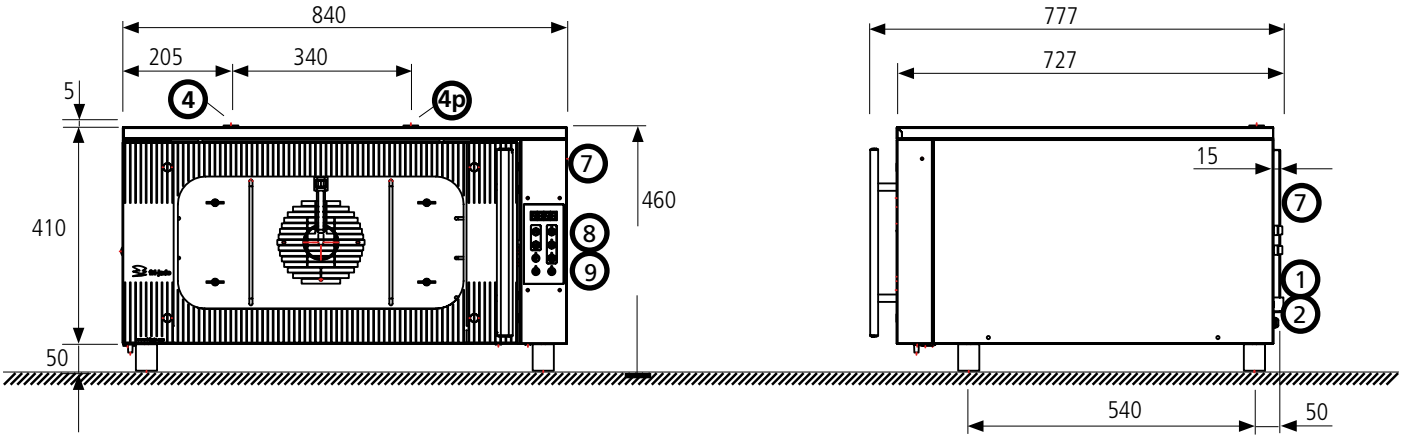


DESCRIPTION OF THE LABELS

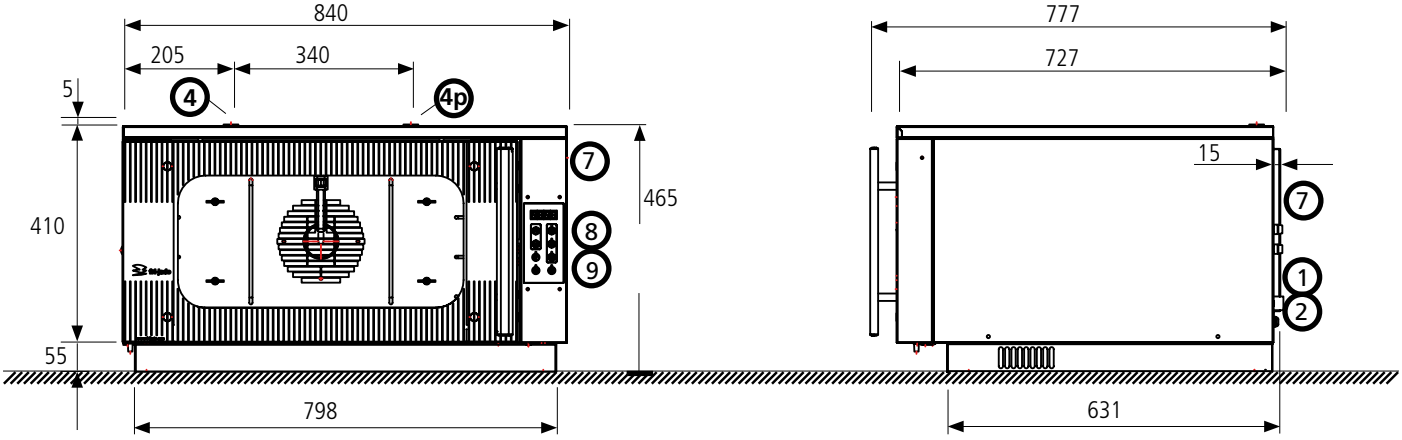
1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)



Mounted on skirting bracket



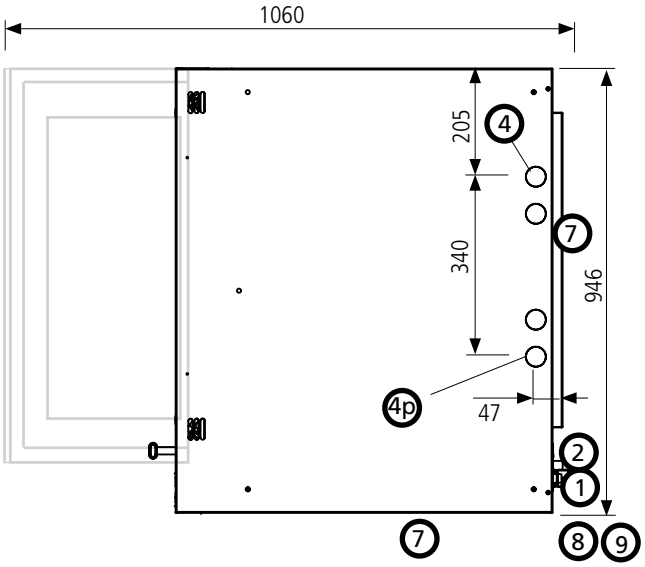
BB 3-P DROP IN (WITH DOWNFALLING DOOR)

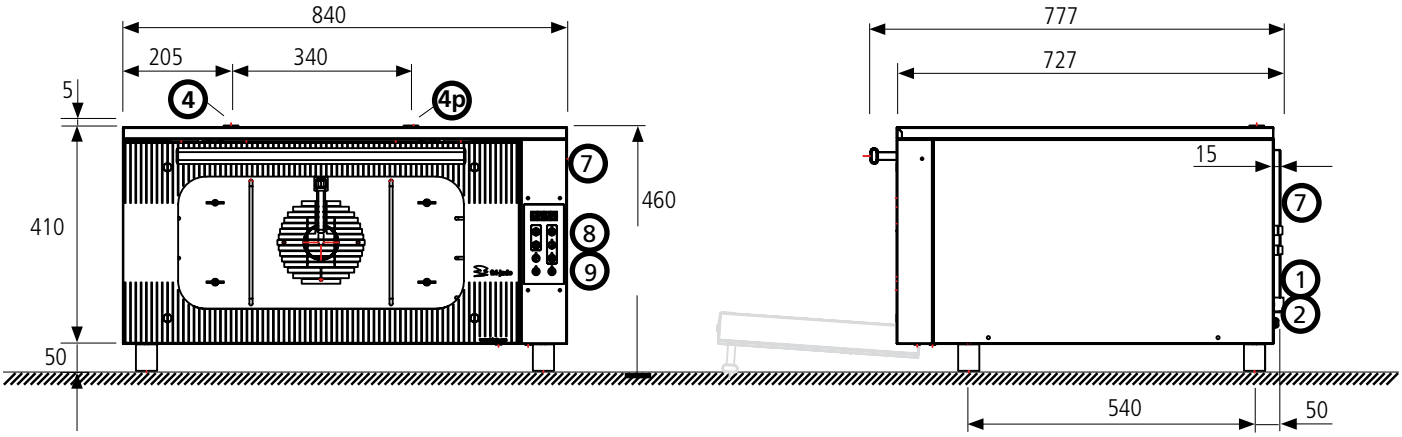
DESCRIPTION OF THE LABELS

1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

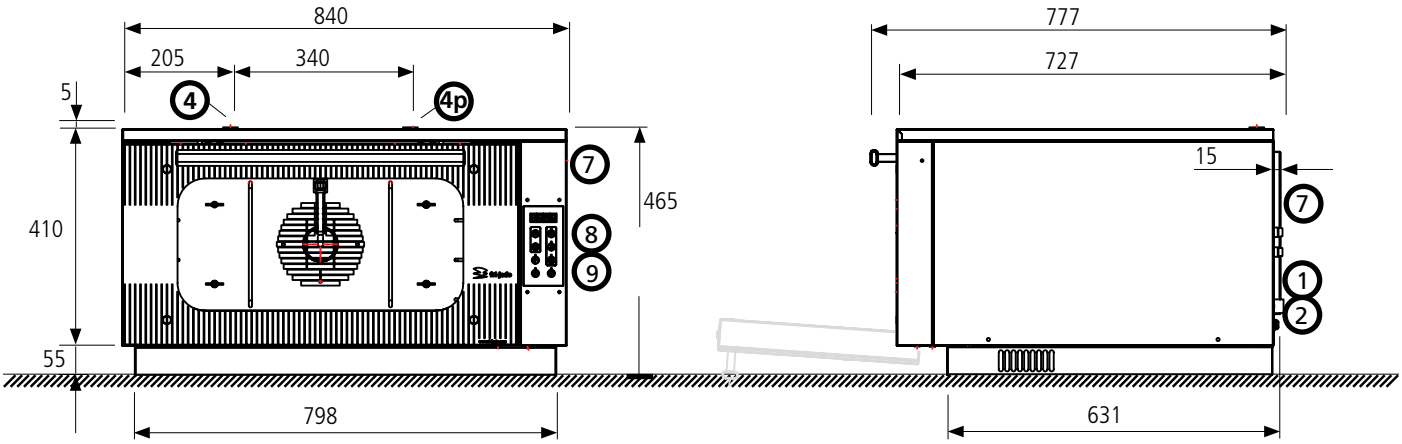
4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)

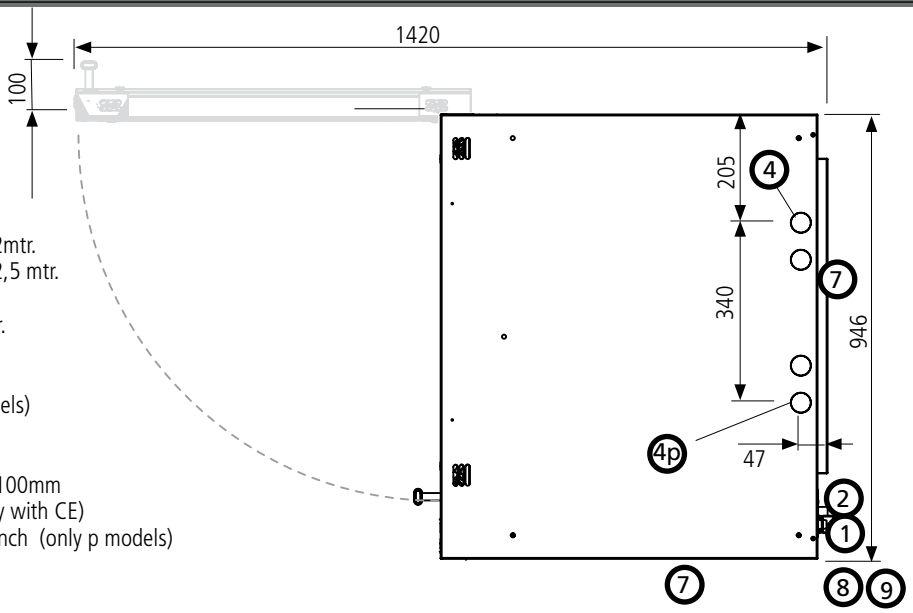




Mounted on skirting bracket



BB 5-P DROP IN OR MOUNTED ON SKIRTING BRACKET

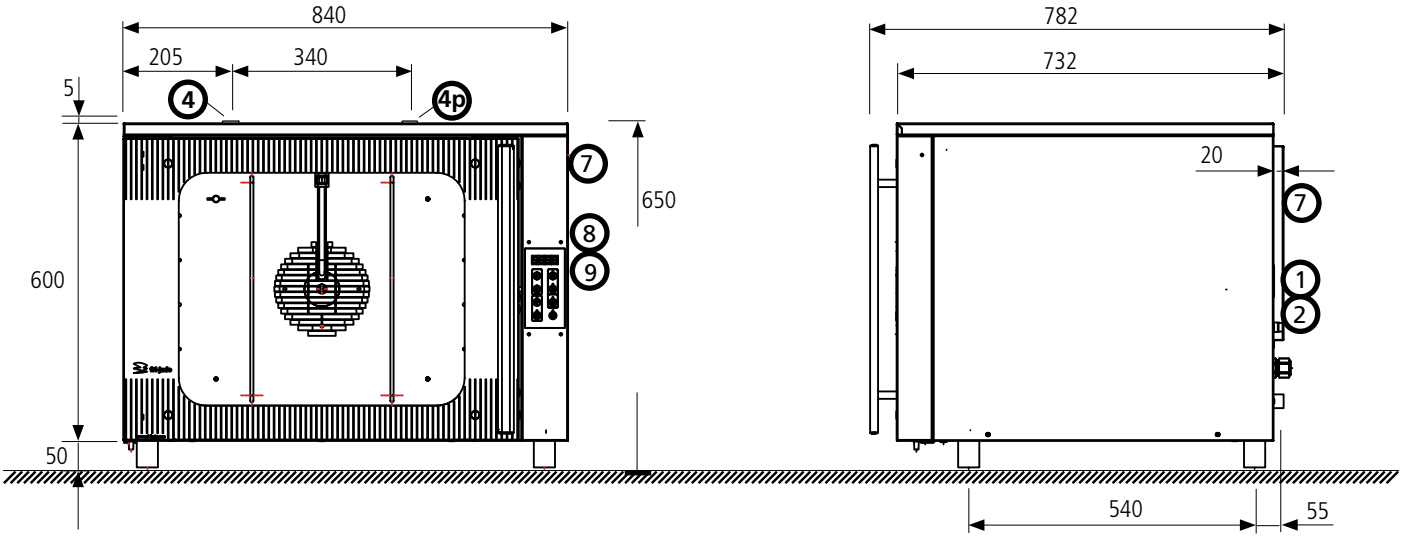


DESCRIPTION OF THE LABELS

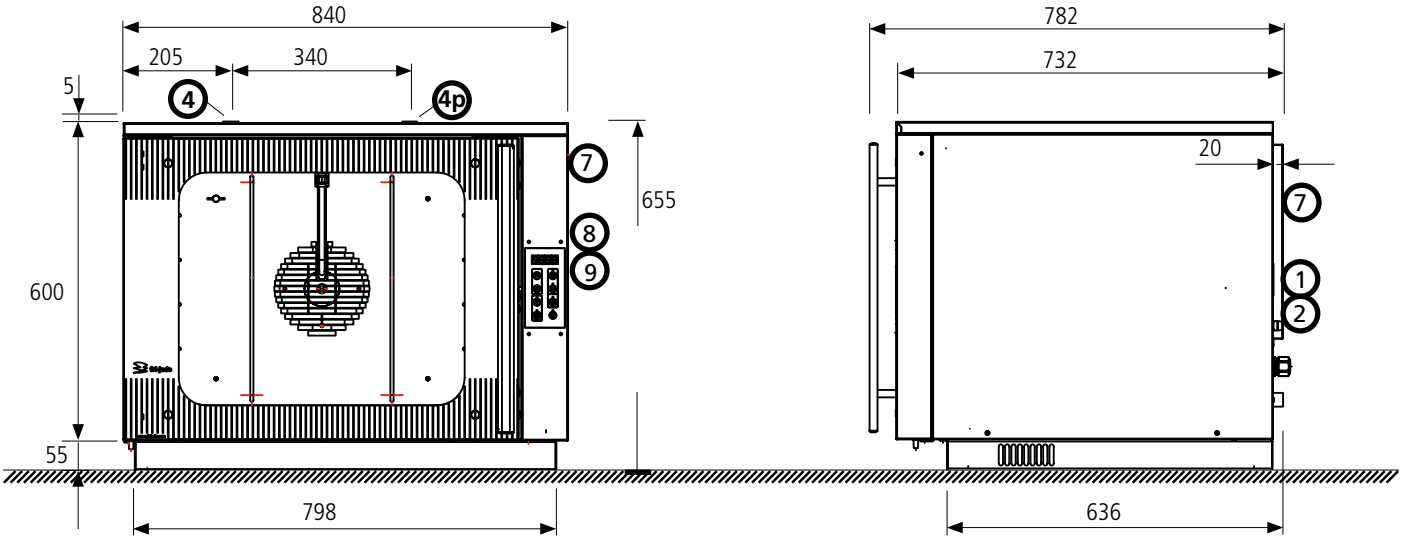
1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

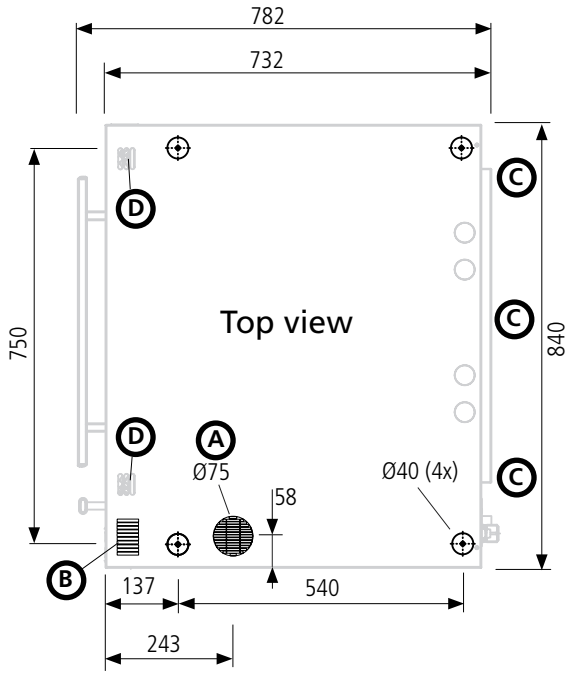
7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)



Mounted on skirting bracket



BAKE BASIC "FOOTPRINT" AND AIR-GRIDS



These drawings give a view from the top "through" the oven to the bottom.

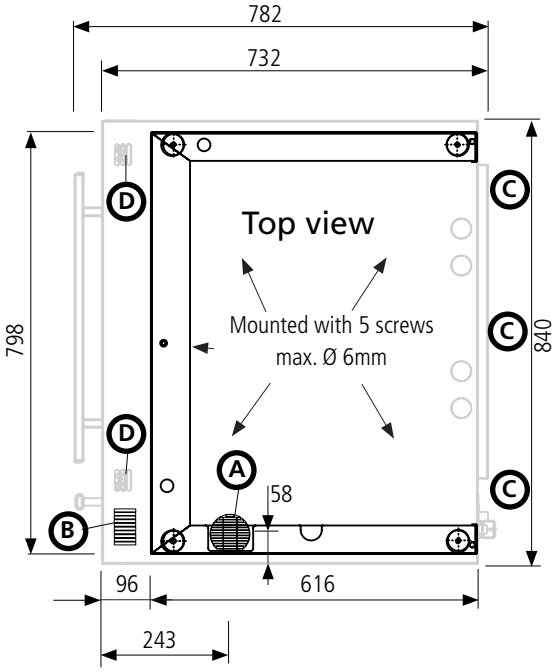
The upper drawing is a drop-in unit standing on its legs.

The lower drawing gives details from a unit mounted on a skirting bracket.

Airgrids:
Take care of a free airflow towards or from the airgrids!!

A = Airsuction grid cooling fan at bottom side.
B = Airoutlet grid at bottom side.
C = Airoutlet grids at the rear (top).
D = Airoutlet from double door at top side.

Mounted on skirting bracket

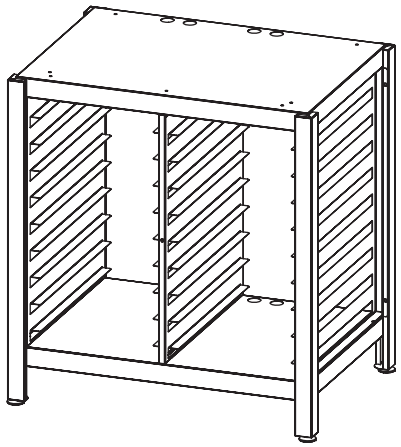


UNDERFRAMES AND STACKING

ASSEMBLY INSTRUCTIONS UNDERFRAME 2X9 TRAY

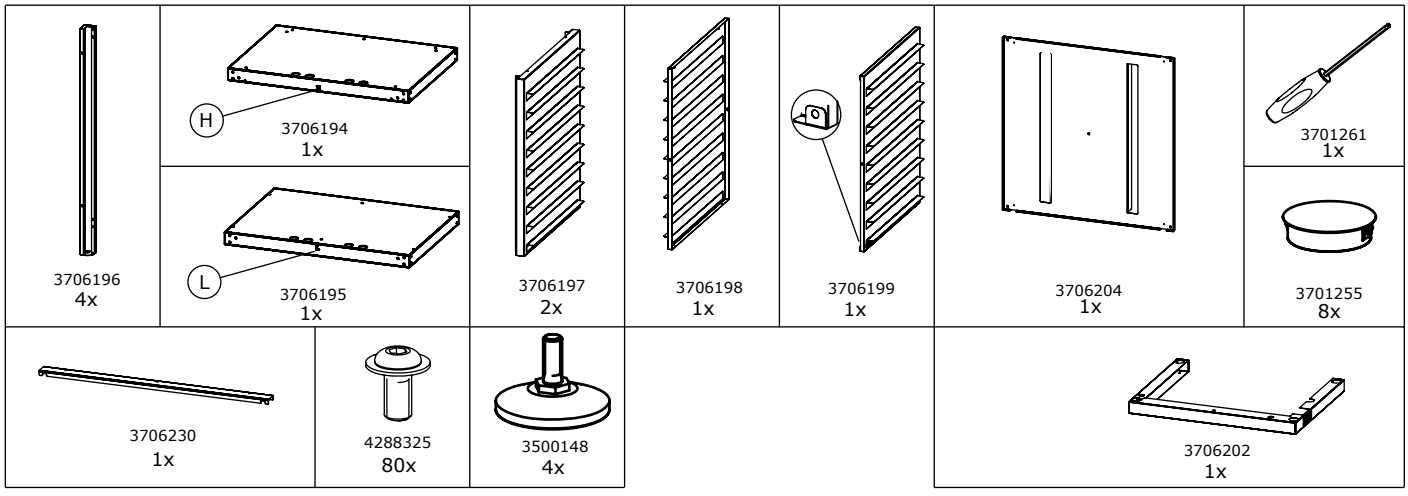
This underframe is suitable for a single BB3, a single BB5 and a double BB3 with standard door (which is not the “downfalling door”!).

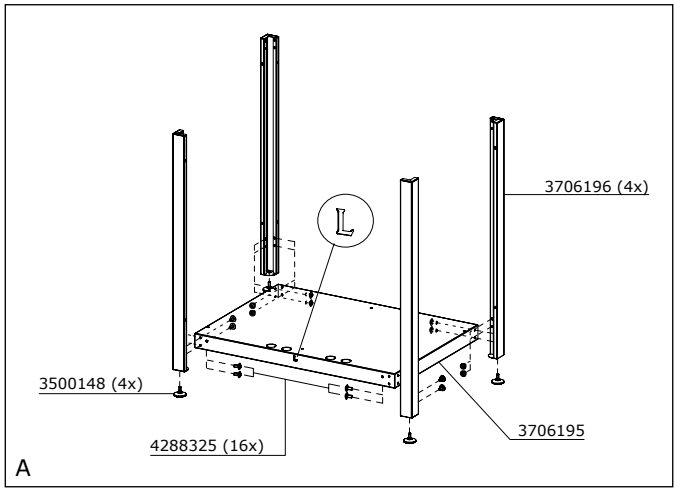
The description below is delivered with the underframe.

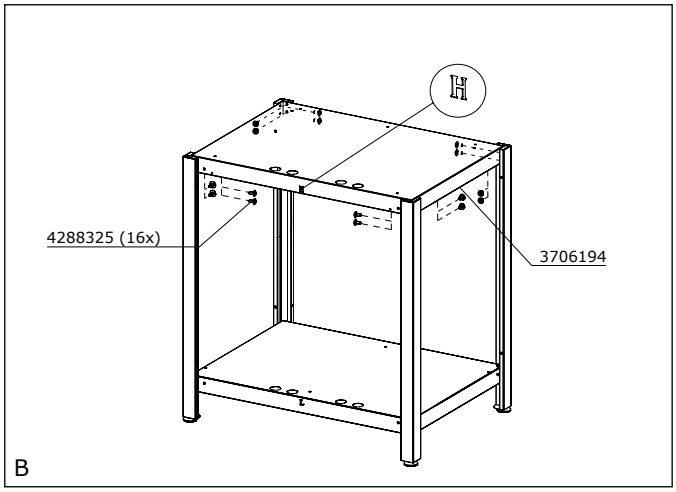


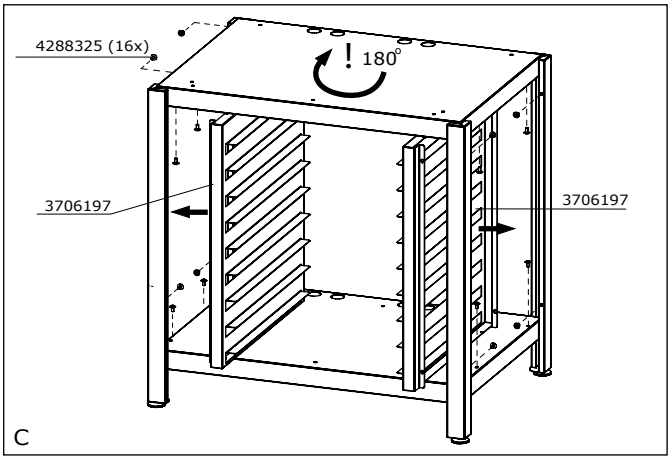
fri-jado

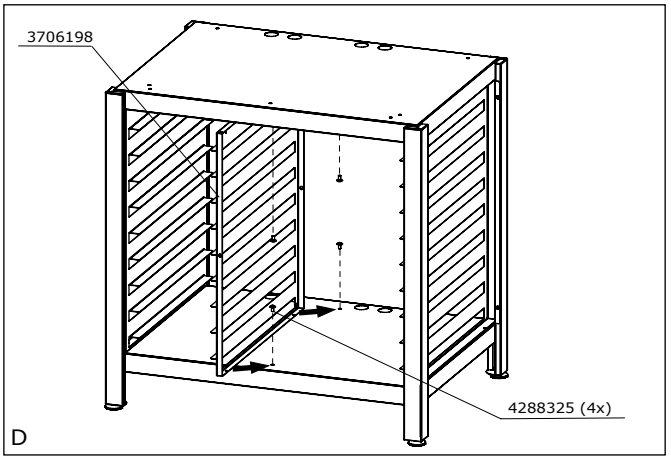
Underframe high Bake Basic

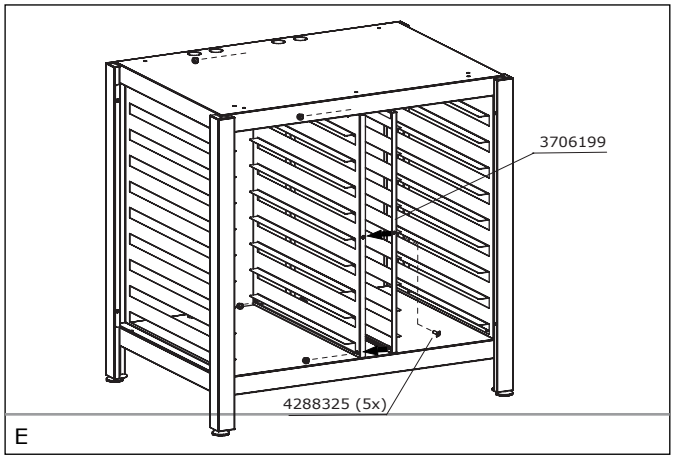


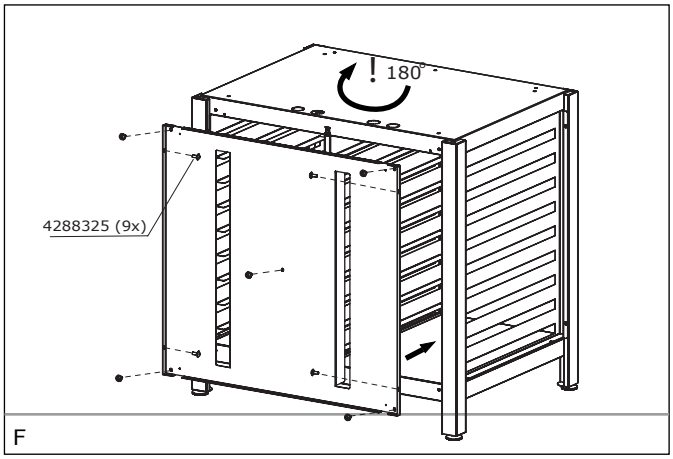


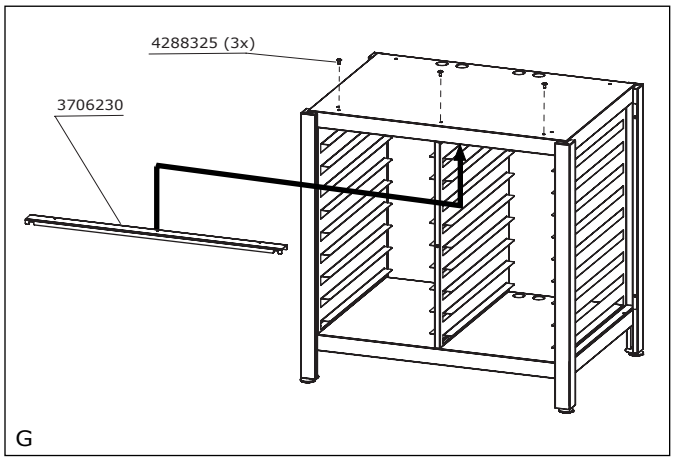


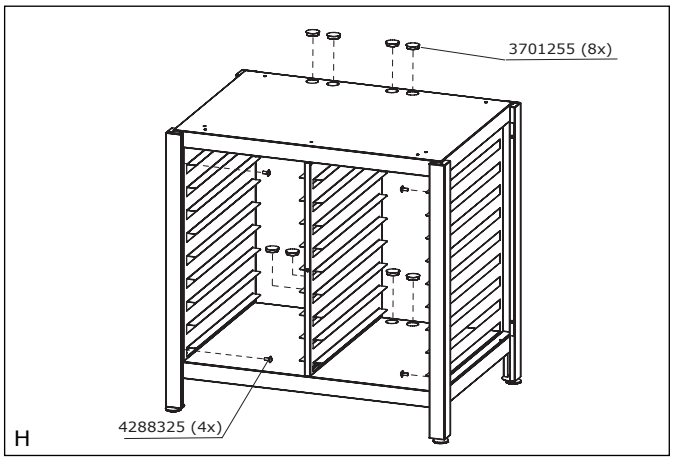

4288325 (16x)
! 180°
3706197
3706197
C

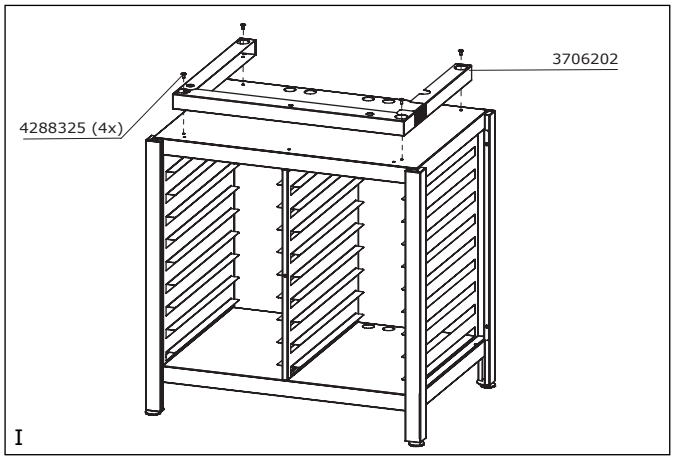

3706198
4288325 (4x)
D


3706199
4288325 (5x)
E


! 180°
4288325 (9x)
F


4288325 (3x)
3706230
G


3701255 (8x)
4288325 (4x)
H

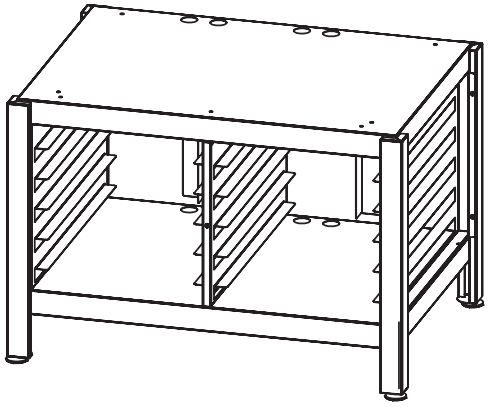

3706202
4288325 (4x)
I

J

ASSEMBLY INSTRUCTIONS UNDERFRAME 2X5 TRAY

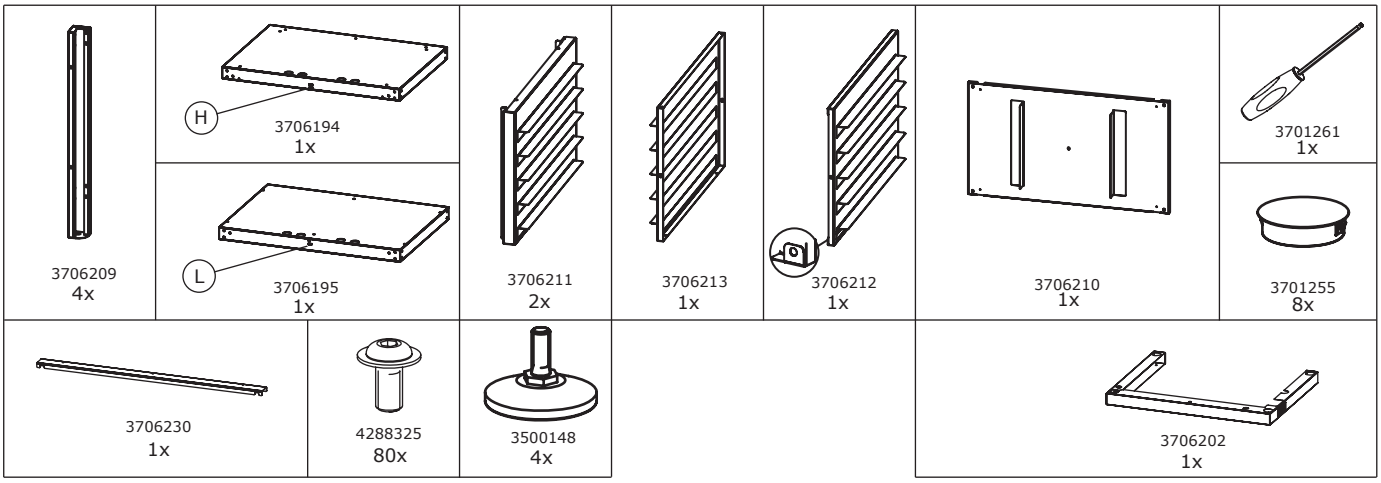
This underframe is suitable for a stacked BB3 + BB3, a stacked BB3 + BB5 and a stacked BB5 + BB5.

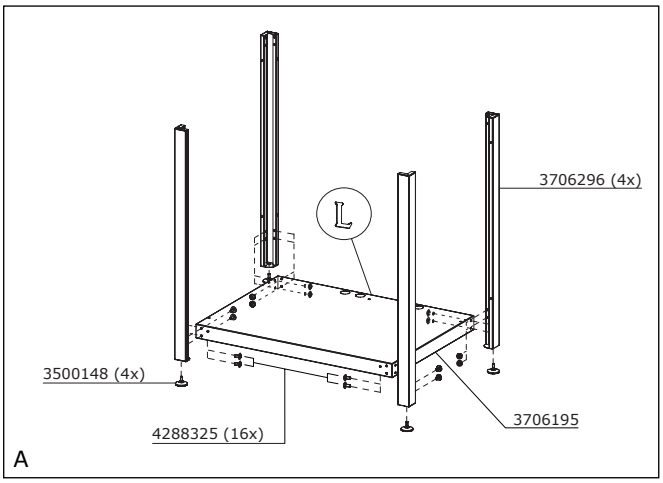
The description below is delivered with the underframe.

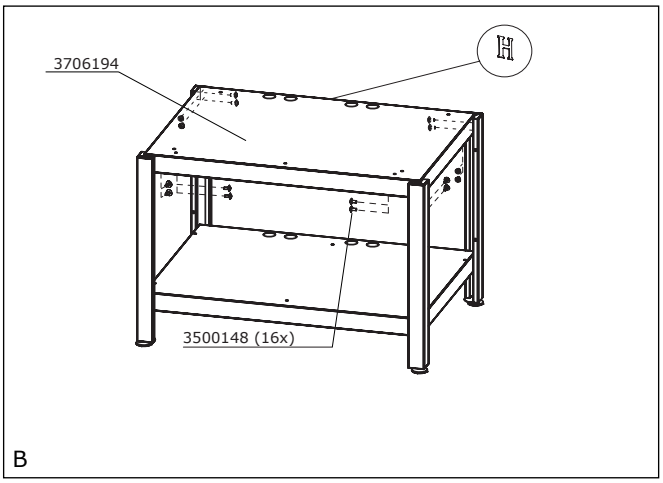


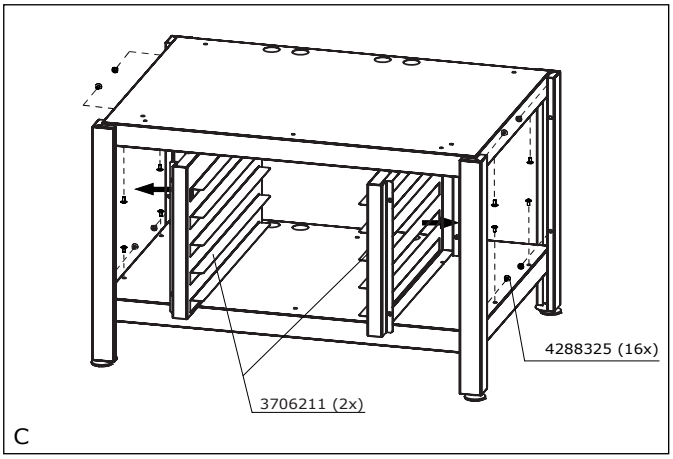
fri-jado

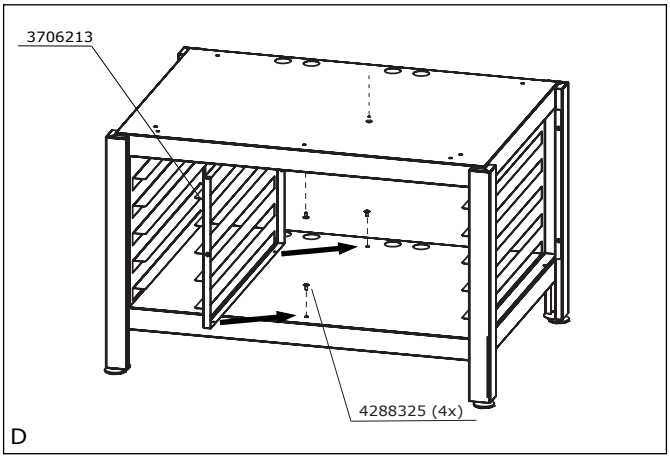
Underframe middle Bake Basic

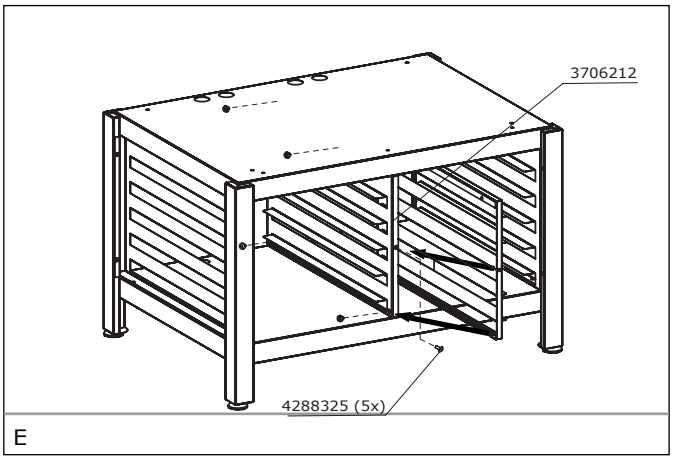


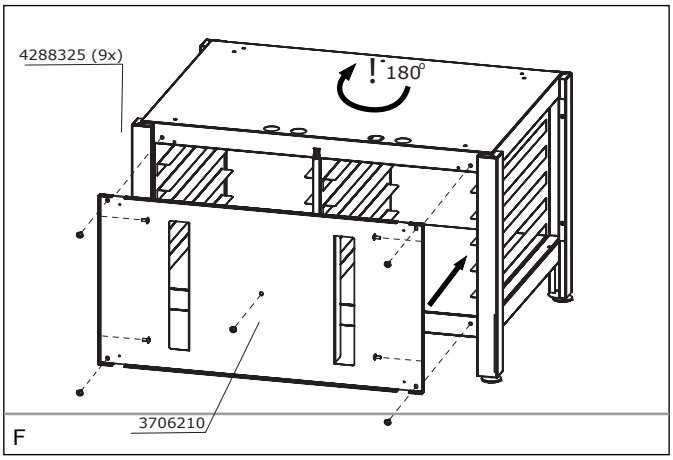


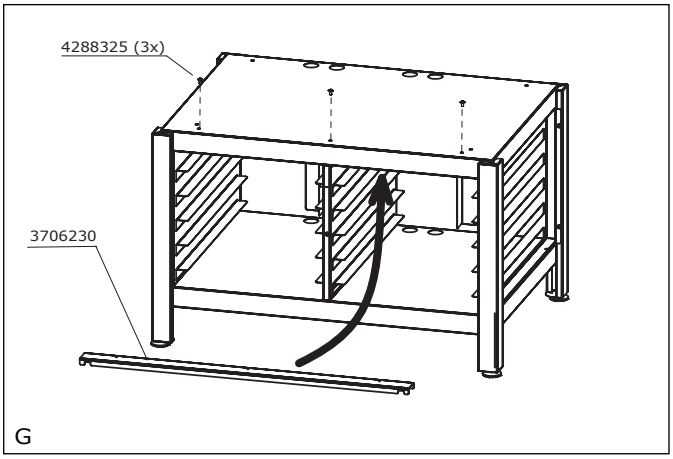


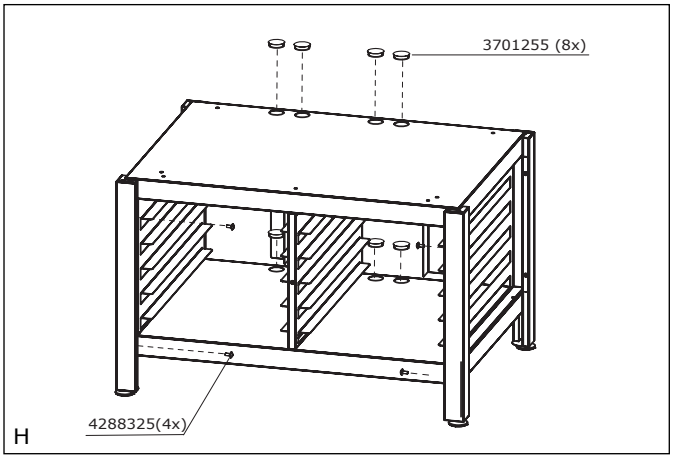

4288325 (16x)
3706211 (2x)
C

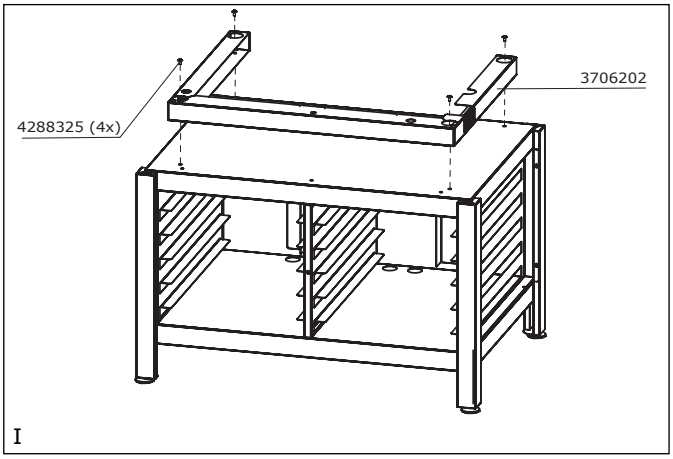

3706213
4288325 (4x)
D


3706212
4288325 (5x)
E


4288325 (9x)
180°
3706210
F

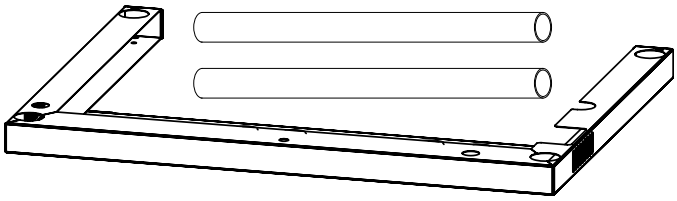

4288325 (3x)
3706230
G

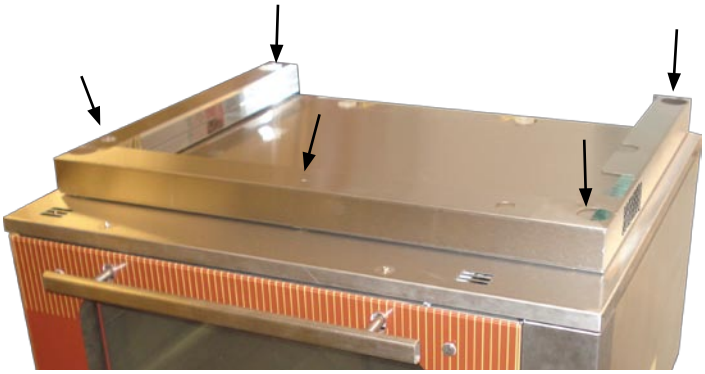

3701255 (8x)
4288325(4x)
H

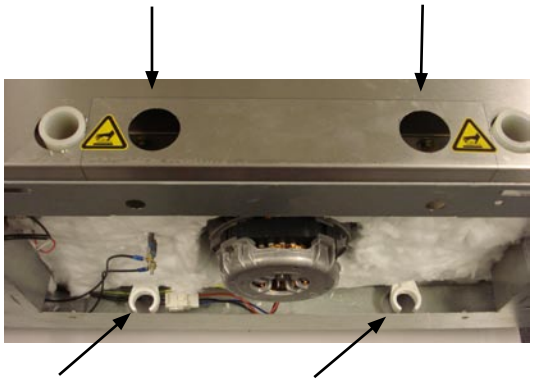

4288325 (4x)
3706202
I

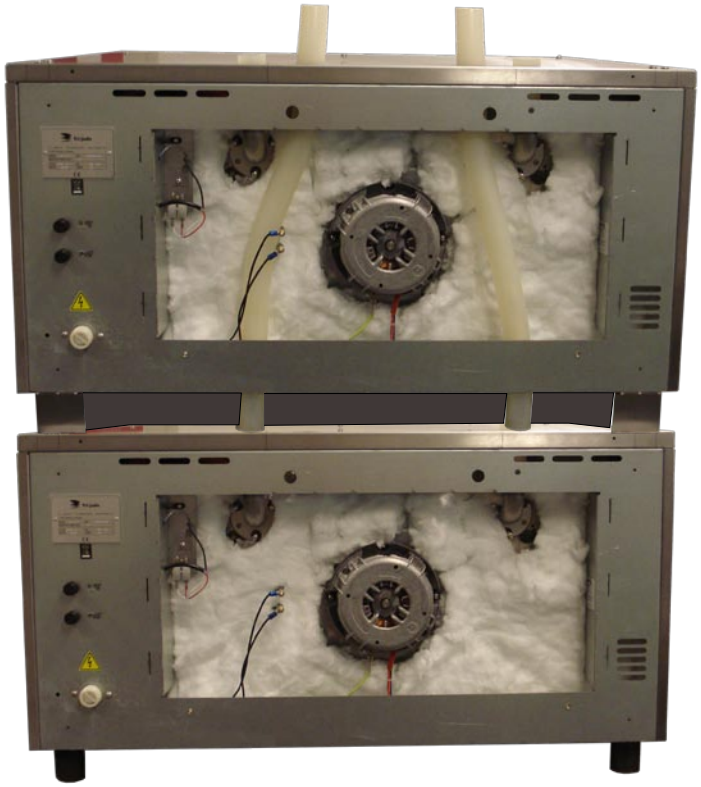
J

STACKING OF BAKE BASIC UNITS WITH KIT 3709535.









This stacking kit is meant for stacking 2 Bake Basic units.
BB 3+3, BB 3+5, BB 5+5

The kit consists of:

- metal skirting bracket (3706202)
- 2 pcs of 80 cm silicon tube (3500608)

Working method:

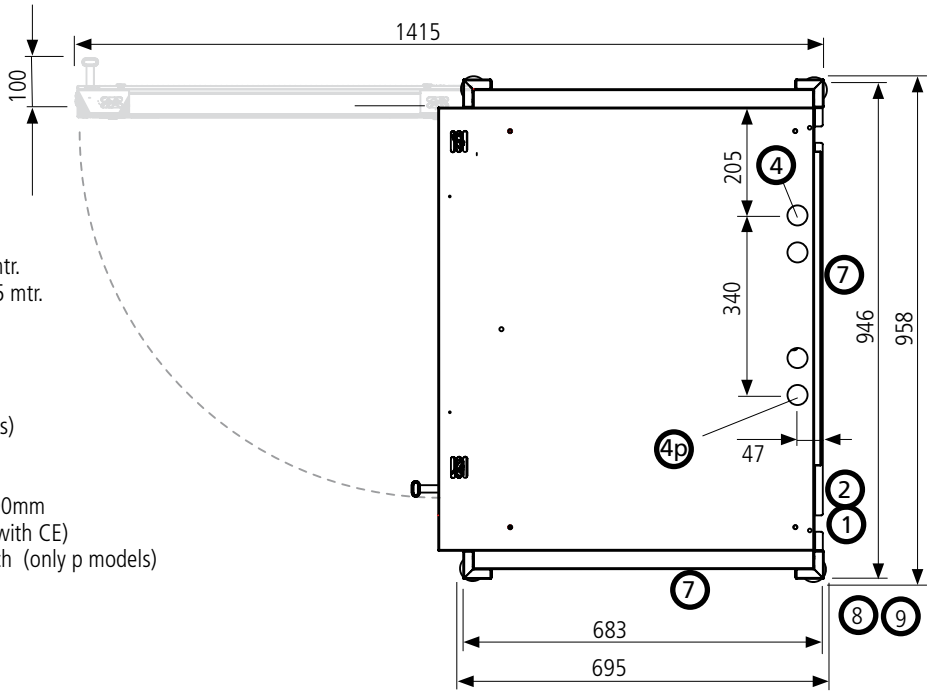
- Put the first oven on the underframe.
- Remove 5 screws and mount the connection bracket. The position of the air suction grid is on the right-hand side.
- Put the top oven on the lower one. The legs will fit in the holes of the bracket.
- Open the back side of both units.
- Nock-out 2 disc-shaped plates in the top and 2 in the bottom of the top oven.

Note !!: When the lower unit is an -E- version, only 1 top hole and 1 bottom hole needs to be nocked-out.

- Remove the short silicon tubes from the exhaust of the lower unit.
- Put the delivered hoses on the exhaust of the lower unit and lead them through the top oven like the picture shows. (The left hose will be situated against the heating element, which is no problem.)
- Cut the hoses on the desired lenght.

INSTALLATION EXAMPLES OF UNITS ON UNDERFRAME

BB 3-P ON UNDERFRAME (2X9)

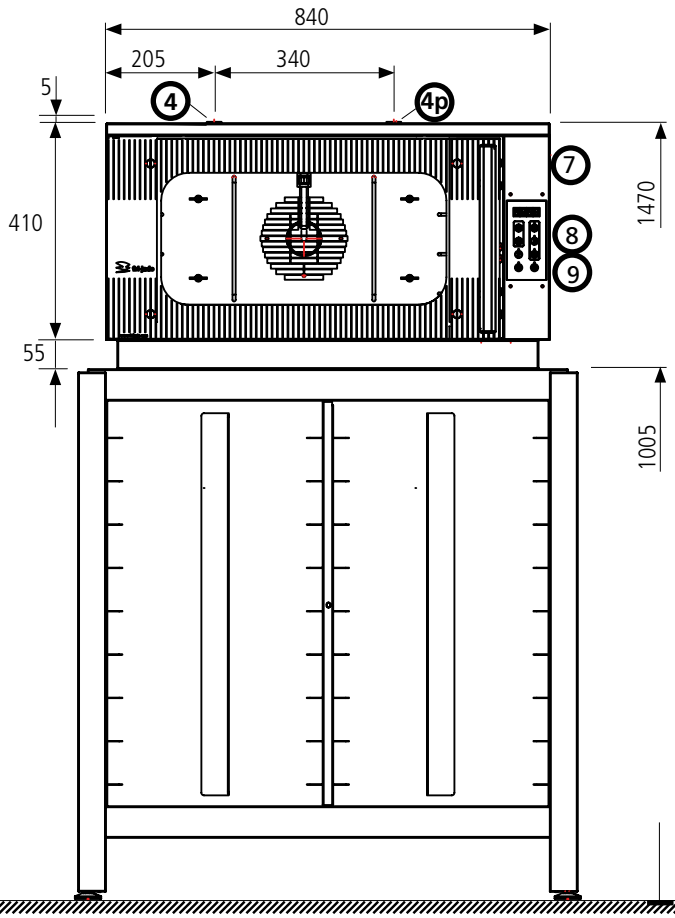


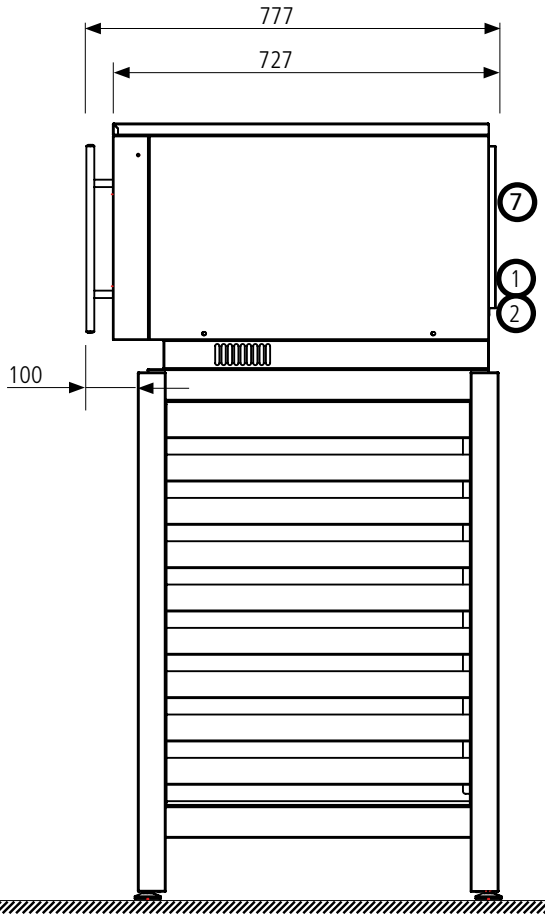
DESCRIPTION OF THE LABELS

1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)





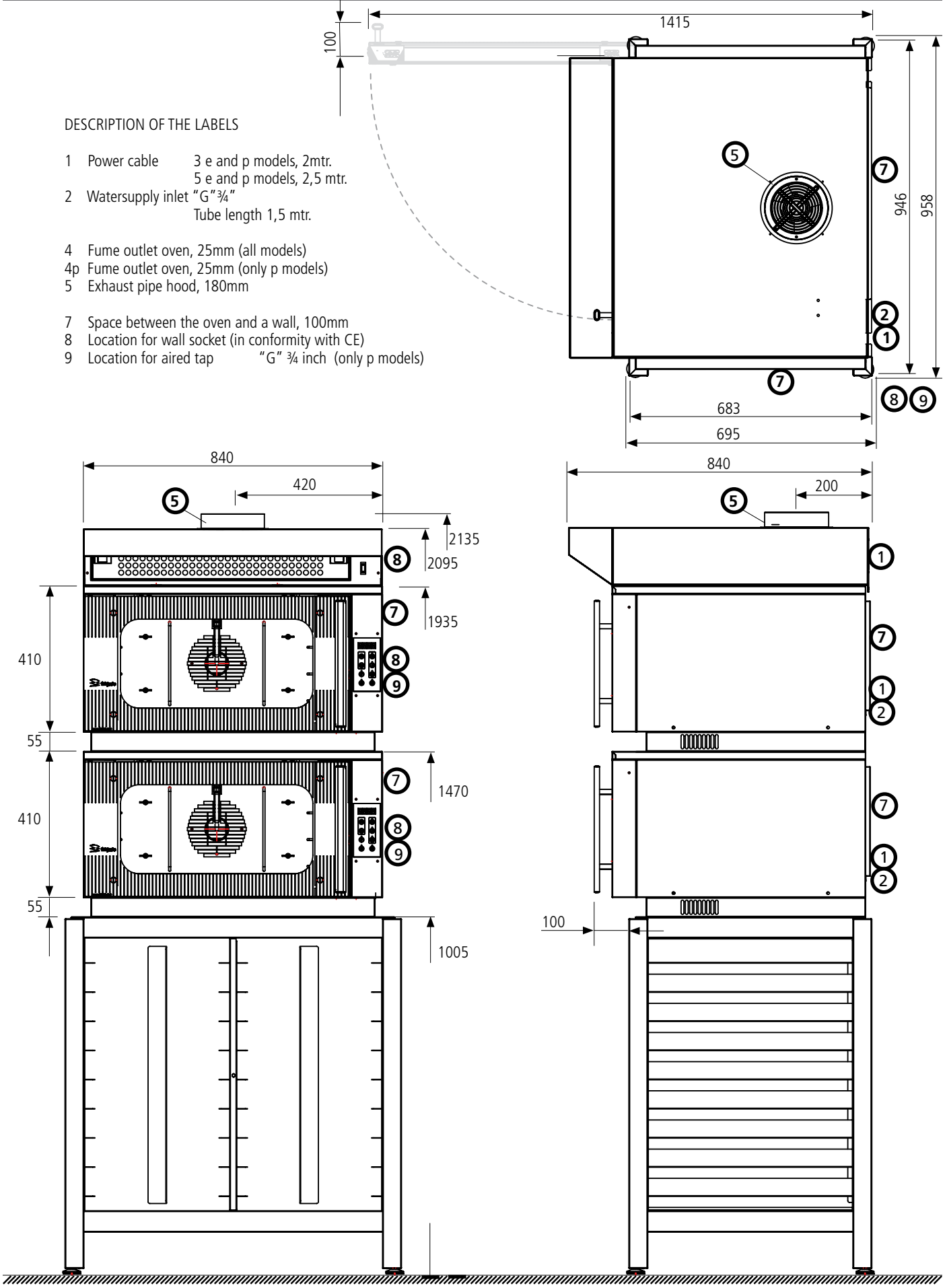
BB 3-P + 3-P ON UNDERFRAME (2X9) WITH HOOD

DESCRIPTION OF THE LABELS

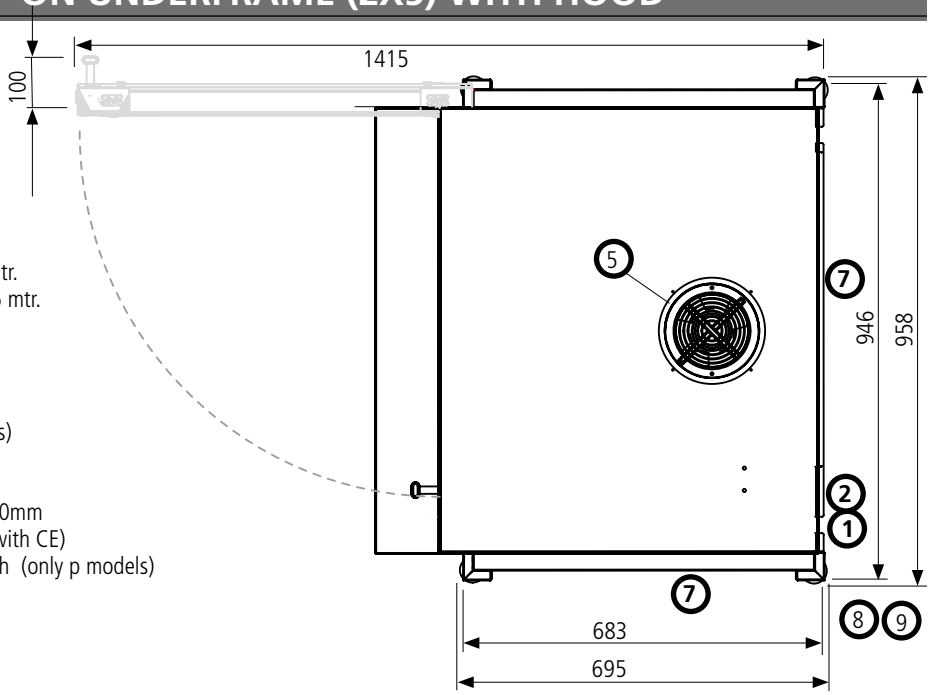
1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)



BB 3-P + 3-P ON UNDERFRAME (2X5) WITH HOOD

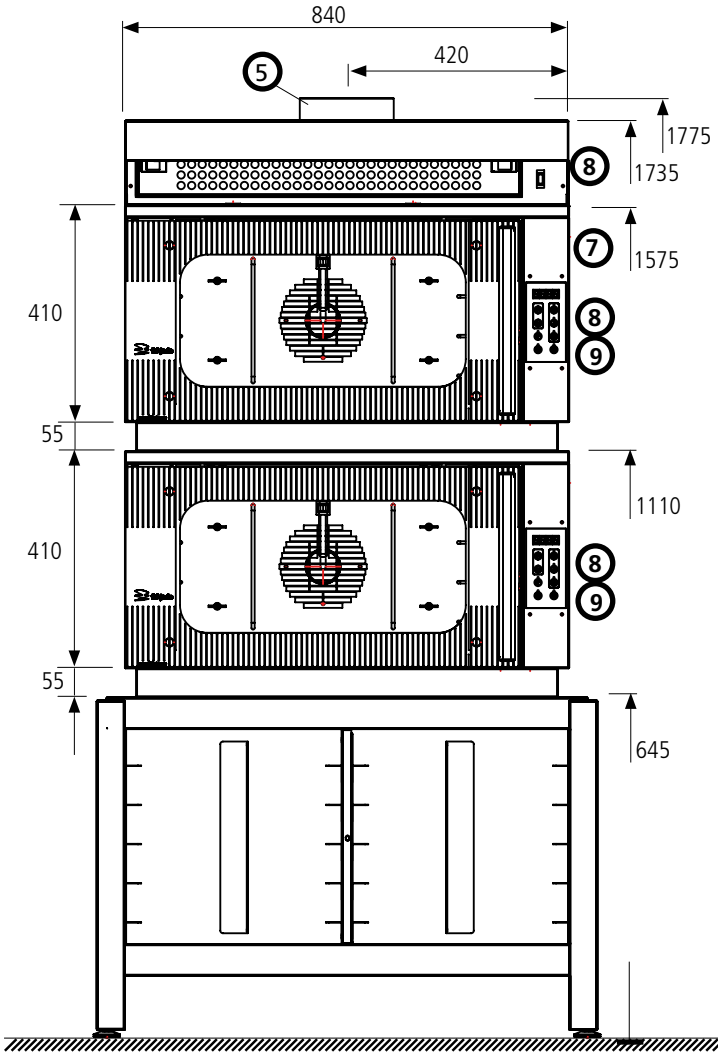


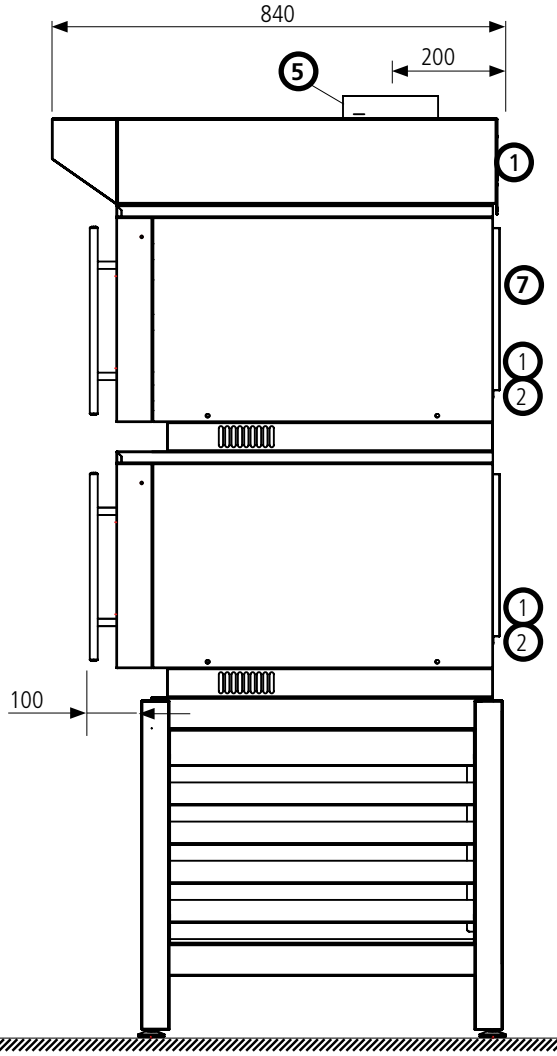
DESCRIPTION OF THE LABELS

1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

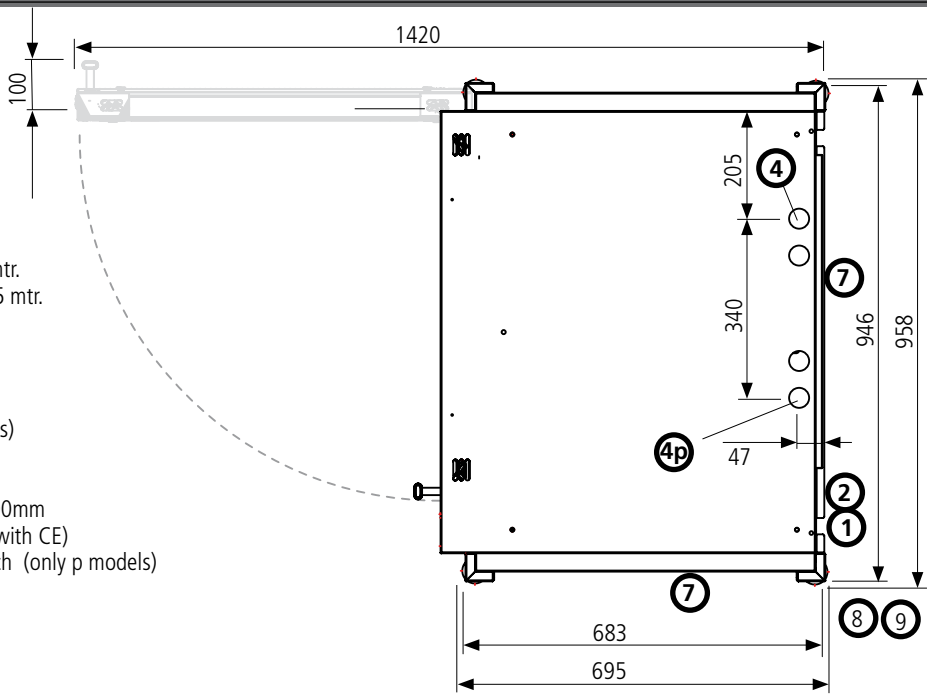
4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)





BB 5-P ON UNDERFRAME (2X9)

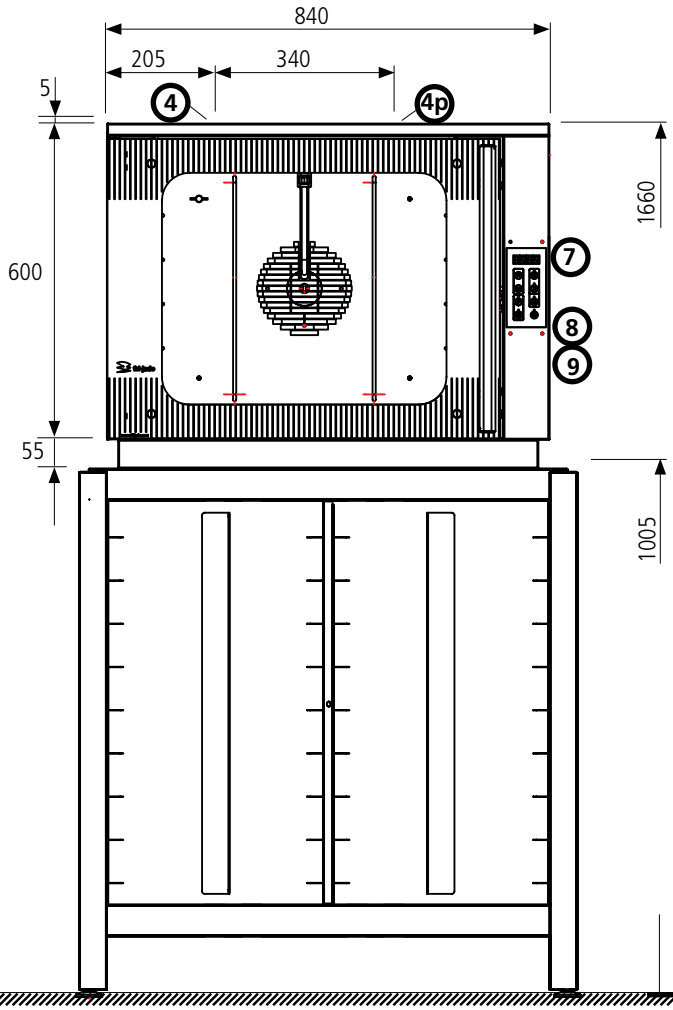


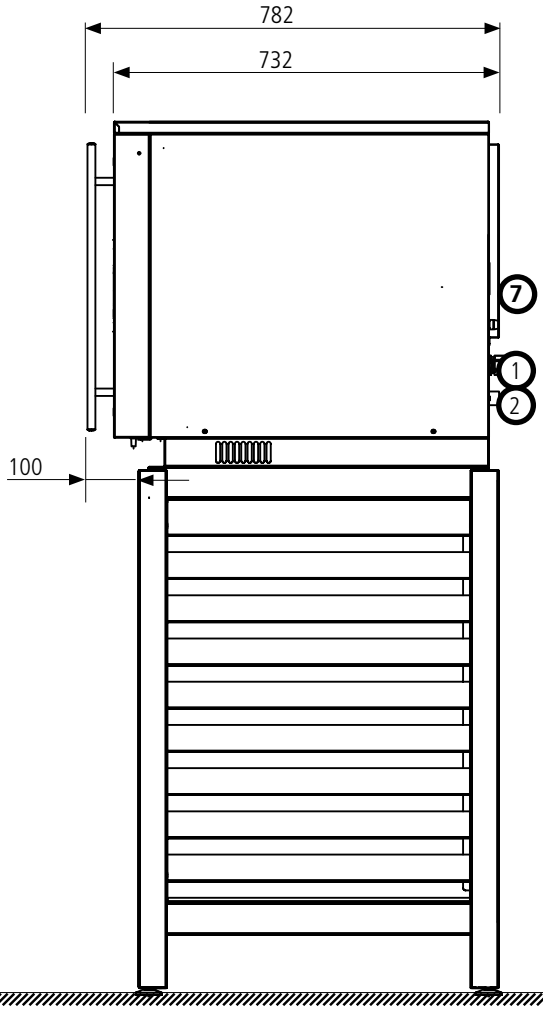
DESCRIPTION OF THE LABELS

1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)





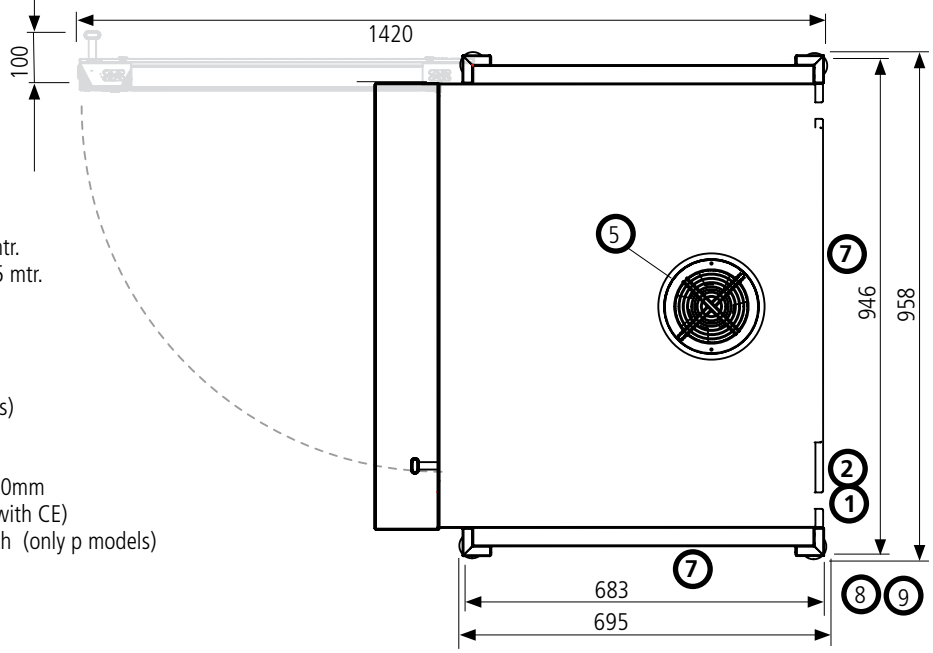
BB 5-P + 5-P ON UNDERFRAME (2X5) WITH HOOD

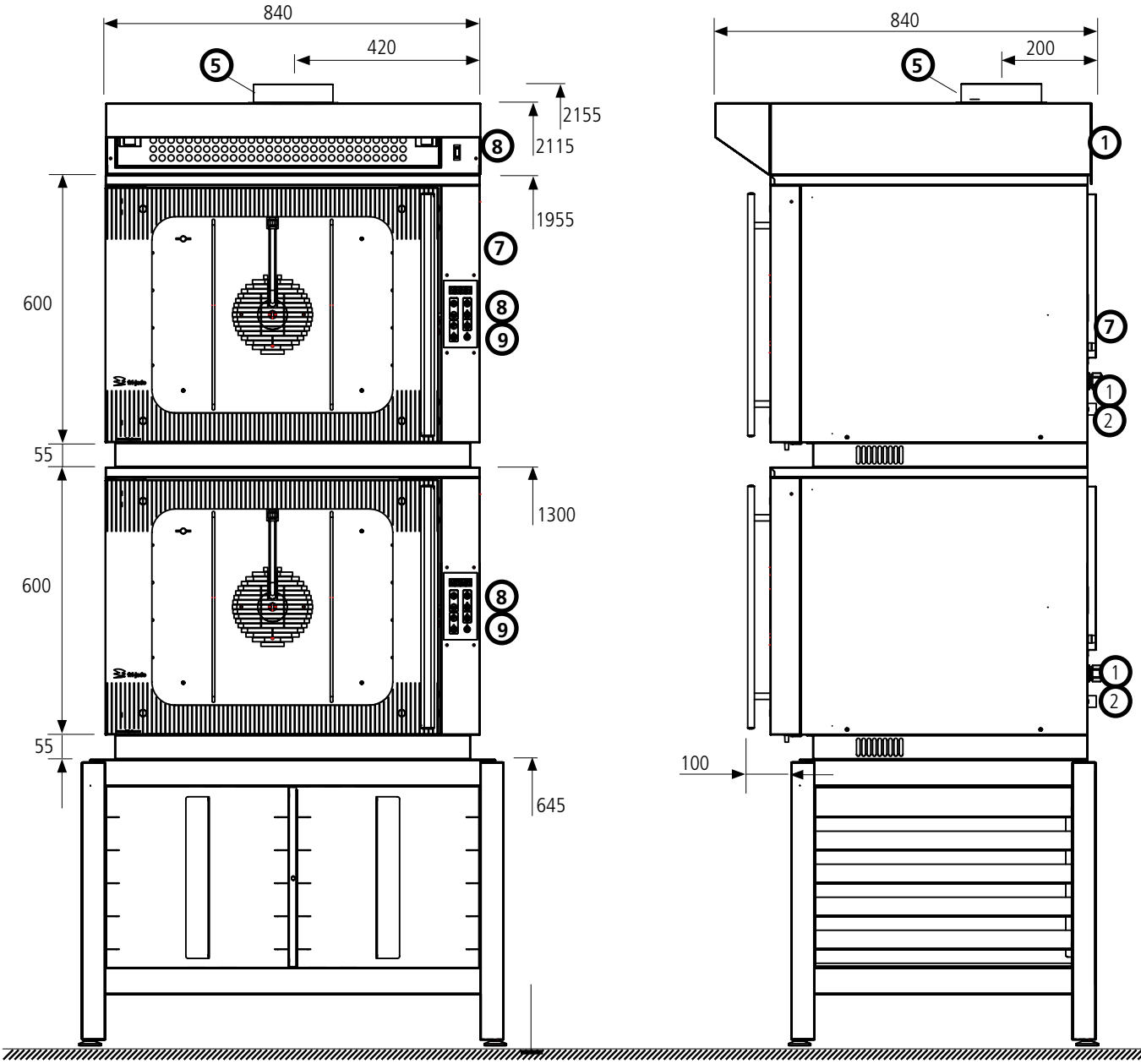
DESCRIPTION OF THE LABELS

1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

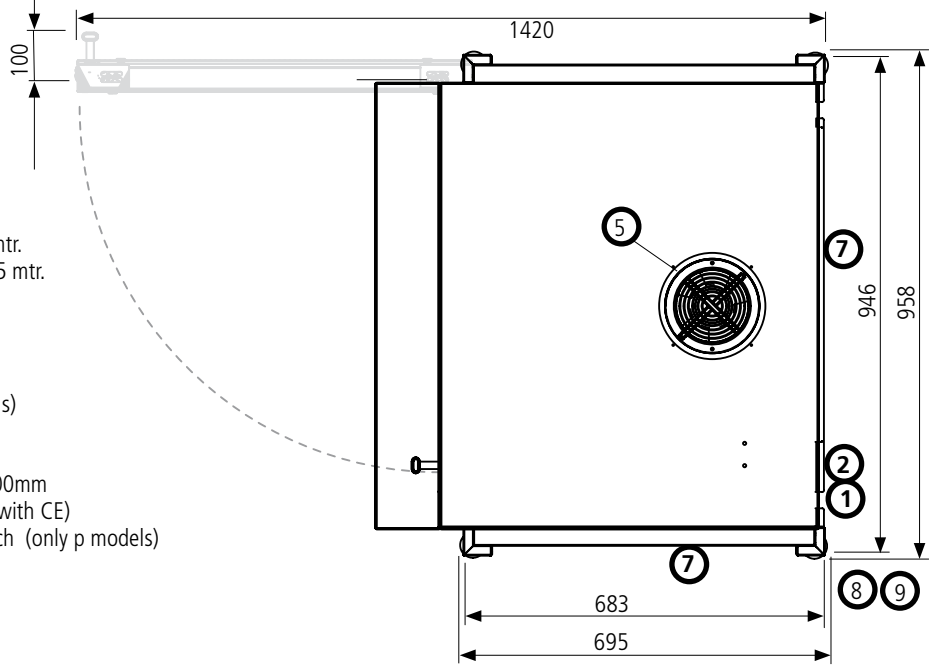
4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)





BB 3-P + 5-P ON UNDERFRAME (2X5) WITH HOOD

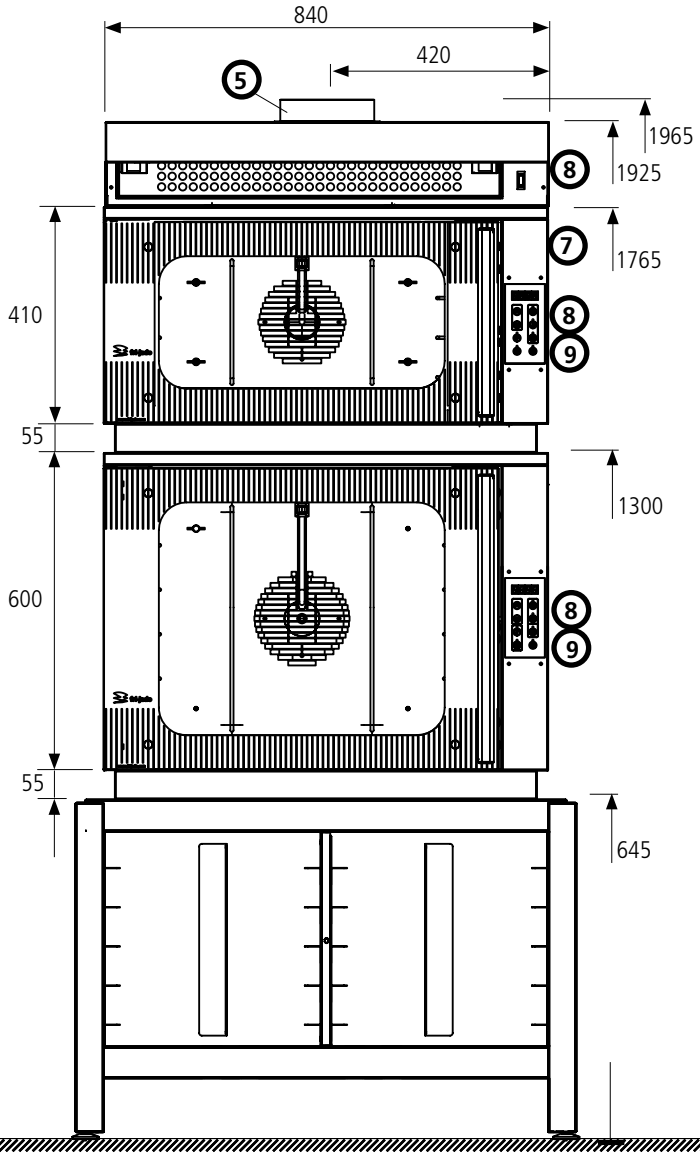


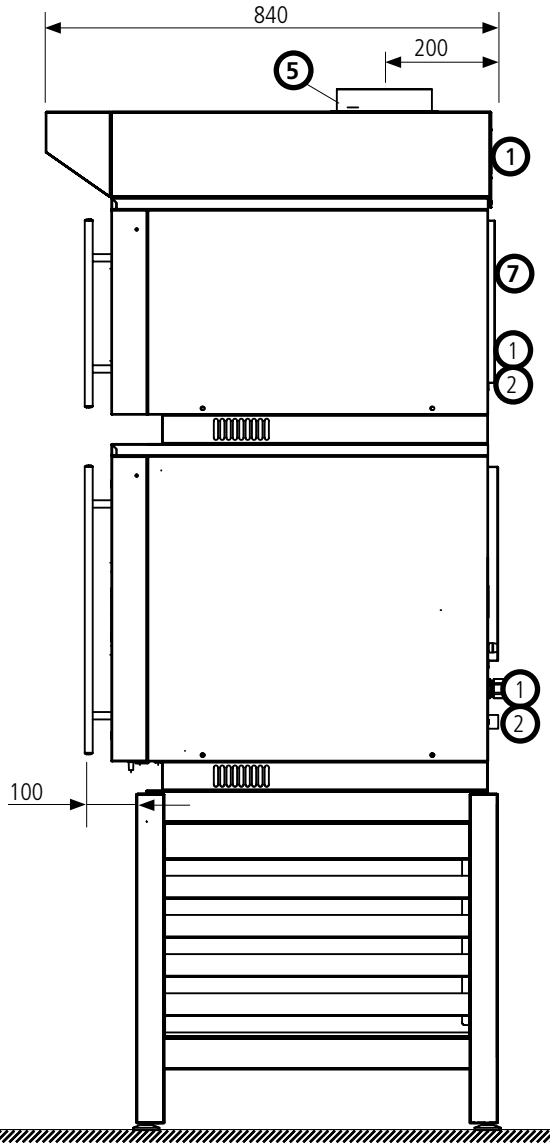
DESCRIPTION OF THE LABELS

1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)





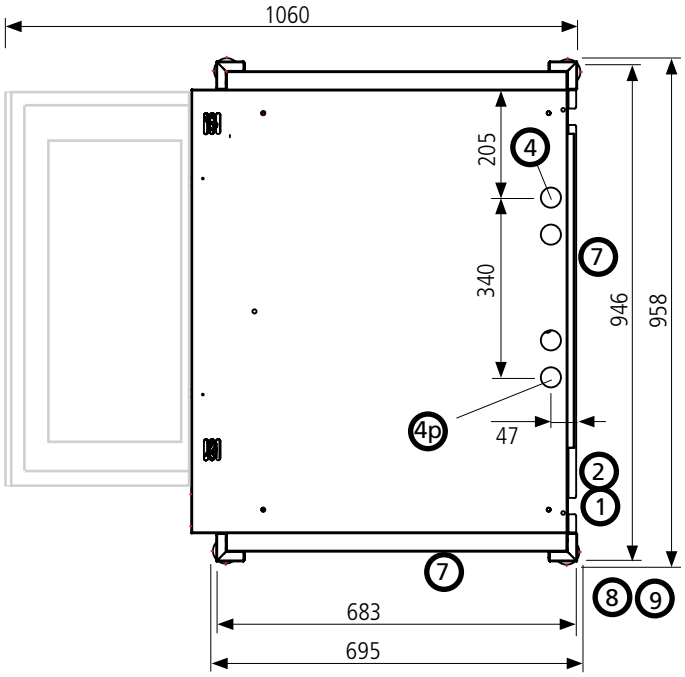
BB 3-P WITH DOWN FALING DOOR ON UNDERFRAME (2X9)

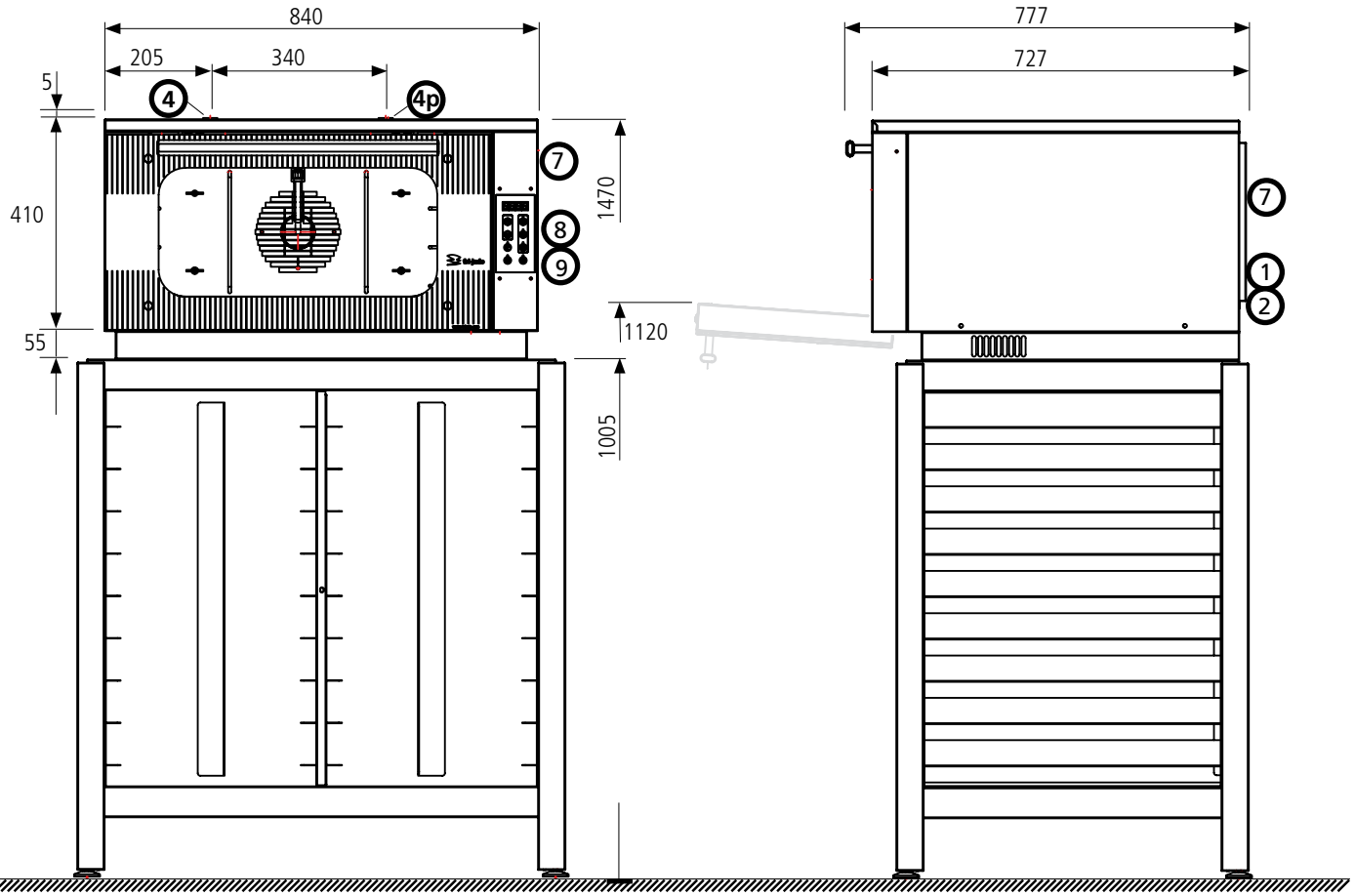
DESCRIPTION OF THE LABELS

1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)





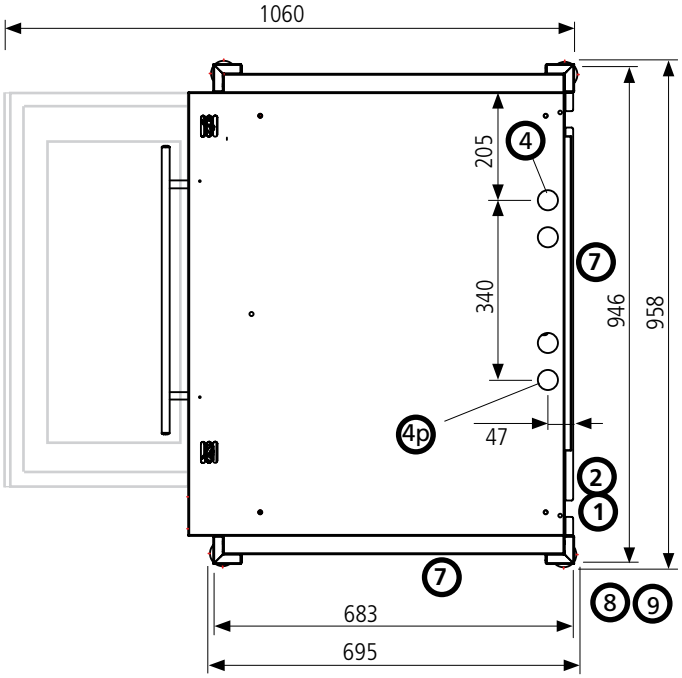
BB 3-P + 3-P WITH DOWNFALING DOOR ON UNDERFRAME (2X5)

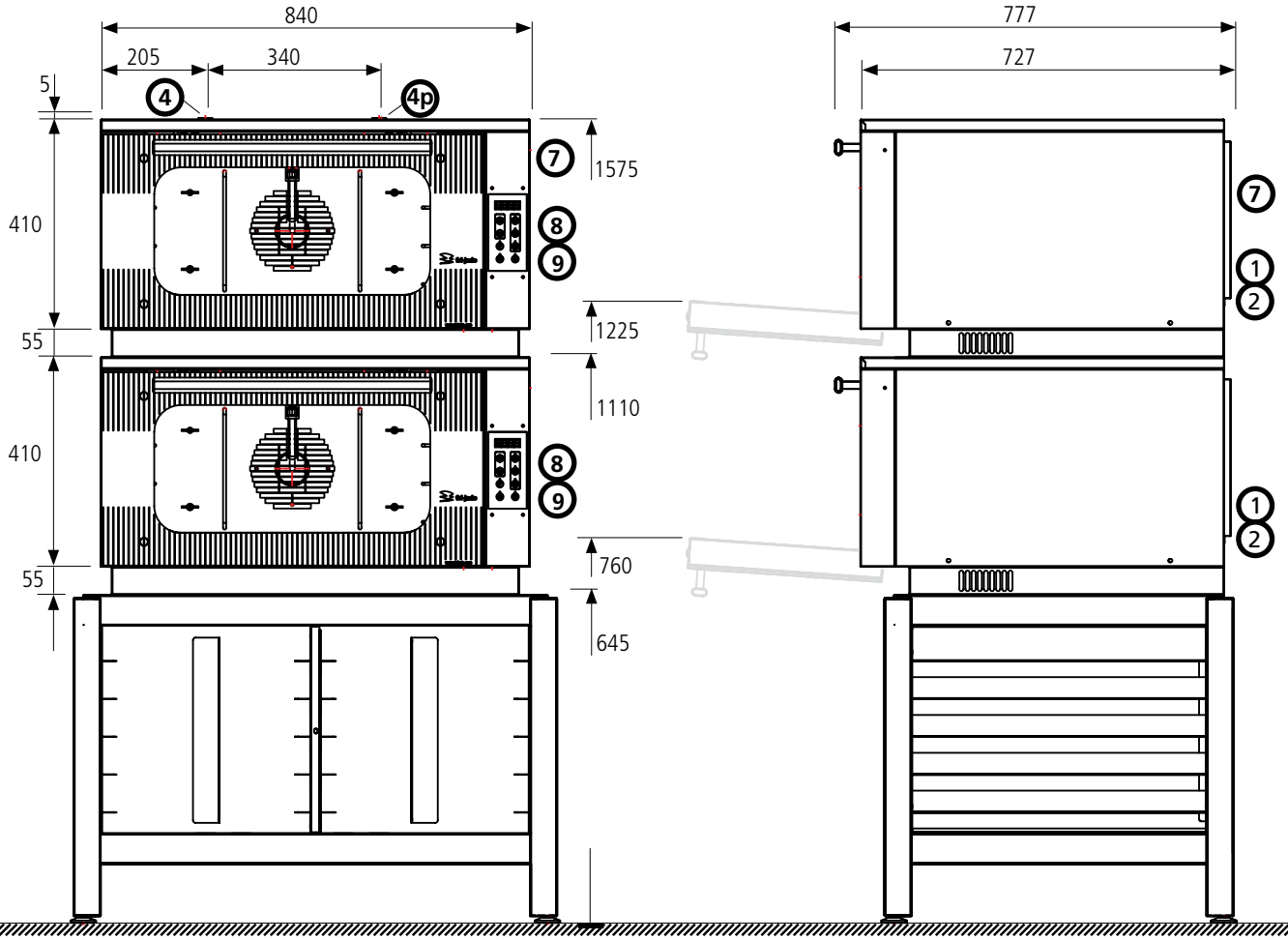
DESCRIPTION OF THE LABELS

1 Power cable 3 e and p models, 2mtr.
5 e and p models, 2,5 mtr.
2 Watersupply inlet "G"¾"
Tube length 1,5 mtr.

4 Fume outlet oven, 25mm (all models)
4p Fume outlet oven, 25mm (only p models)
5 Exhaust pipe hood, 180mm

7 Space between the oven and a wall, 100mm
8 Location for wall socket (in conformity with CE)
9 Location for aired tap "G" ¾ inch (only p models)





Fri-Jado B.V. • P.O. Box 560 • 4870 AN • Etten-Leur • The Netherlands • tel +31 76 50 85 400 • fax +31 76 50 85 444 • info@frijado.com • www.frijado.com